

U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)		Docket No. AMAT/3032.C7/DSM /LOW K/JW	Serial No. 10/647,959
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Applicant Cheung, et al.	Confirmation No. Unknown
(Use several sheets if necessary)		Filing Date August 26, 2003	Group 2812
Examiner Unknown			

U.S. Patent Documents

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
TZ	A1	6,642,157	11/04/2003	Shioya, et al.	438	789	12/22/2000
	A2	6,596,655	07/22/2003	Cheung, et al.	438	789	09/19/2001
	A3	6,583,071	06/24/2003	Weidman, et al.	438	787	10/18/2000
	A4	6,583,048	06/24/2003	Vincent, et al.	438	623	08/31/2001
	A5	6,582,777	06/24/2003	Ross, et al.	427	551	02/17/2000
	A6	6,562,690	05/13/2003	Cheung, et al.	438	400	06/13/2000
	A7	6,559,520	05/06/2003	Matsuki, et al.	257	642	04/25/2002
	A8	6,548,899	04/15/2003	Ross	257	750	12/04/2000
	A9	6,541,398	04/01/2003	Grill, et al.	438	780	06/19/2002
	A10	6,537,929	03/25/2003	Cheung, et al.	438	790	05/25/2000
	A11	6,531,714	03/11/2003	Bacchetta, et al.	257	77	12/14/1998
	A12	6,486,082	11/26/2002	Cho, et al.	438	789	06/18/2001
	A13	6,479,409	11/12/2002	Shioya, et al.	438	790	02/23/2001
	A14	6,479,110	11/12/2002	Grill, et al.	427	577	09/27/2001
	A15	6,455,445	09/24/2002	Matsuki	438	789	03/28/2001
	A16	6,441,491	08/27/2002	Grill, et al.	257	759	01/25/2001
	A17	6,437,443	08/20/2002	Grill, et al.	257	758	09/27/2001
	A18	6,410,463	06/25/2002	Matsuki	438	790	10/18/2000
✓	A19	6,340,628	01/22/2002	Van Cleemput, et al.	438	586	12/12/2000

Foreign Patent Documents

*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
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TZ	B1	99/21706	05/06/1999	WO	B22B	09/04	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B2	00/19498	04/06/2000	WO	H01L	21/027	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B3	99/41423	08/19/1999	WO	C23C	----	<input type="checkbox"/>	<input checked="" type="checkbox"/>
✓	B4	1 176 226 A1	01/30/2002	EP	C23C	16/32	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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U.S. Patent Documents

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TL	A20	6,331,494	12/18/2001	Olson, et al.	438	770	12/30/1999
	A21	6,312,793	11/06/2001	Grill, et al.	428	312.6	05/26/1999
	A22	6,153,537	11/28/2000	Bacchetta, et al.	438	763	12/22/1995
	A23	6,147,009	11/14/2000	Grill, et al.	438	780	06/29/1998
	A24	6,140,226	10/31/2000	Grill, et al.	438	637	07/30/1998
	A25	6,124,641	09/26/2000	Matsuura	257	759	12/08/1997
	A26	6,080,526	06/27/2000	Yang, et al.	430	296	02/24/1998
	A27	6,068,884	05/30/2000	Rose, et al.	427	255.6	04/28/1998
	A28	6,051,321	04/18/2000	Lee, et al.	428	447	10/24/1997
	A29	6,045,877	04/04/2000	Gleason, et al.	427	522	07/27/1998
	A30	5,989,998	11/23/1999	Sugahara, et al.	438	623	08/28/1997
	A31	5,554,570	09/10/1996	Maeda, et al.	437	235	01/09/1995
	A32	5,298,587	03/29/1994	Hu, et al.	528	10	12/21/1992

Foreign Patent Documents

*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
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OTHER ART

*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.
	C1	
	C2	

Examiner <i>Thacke</i>	Date Considered 3/11/04
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U.S. Patent Documents

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TL	A33	5,000,178	03/19/1991	Griffith	128	419	03/18/1988
	A34	5,000,113	03/19/1991	Wang, et al.	118	723	12/19/1986
	A35	4,981,724	01/01/1991	Hochberg, et al.	427	255.37	10/28/1977
	A36	4,649,071	03/10/1987	Tajima, et al.	428	212	04/29/1985
	A37	2003/0111730	06/19/2003	Takeda, et al.	257	758	03/28/2001
	A38	2003/0089988	05/15/2003	Matsuura	257	758	08/13/2002
	A39	2003/0003765	01/02/2003	Gibson, Jr., et al.	438	760	01/02/2002
	A40	2003/0198742	10/23/2003	Vrtis	427	255.28	05/17/2002
	A41	2003/0194495	10/16/2003	Li, et al.	427	255.28	04/11/2002
	A42	2003/0211244	11/13/2003	Li, et al.	427	255.28	04/08/2003

Foreign Patent Documents

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	B12						<input type="checkbox"/>	<input type="checkbox"/>

OTHER ART

*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.
TL	C4	Wu, et al., "Advanced Metal Barrier Free Cu Damascene Interconnects with PECVD Silicon Carbide Barriers for 90/65-nm BEOL Technology", 2002 IEEE, IEDM - Pages 595-598.
TL	C5	Tajima, et al. "Characterization of Plasma Polymers from Tetramethylsilane, Octamethylcyclotrisiloxane, and Methyltrimethoxysilane' Journal of Polymer Science: Part A: Polymer Chemistry, 1987, Pages 1737-44.
	C6	

Examiner Tha Date Considered 3/11/04

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